

Pipetting Robot: ASSIST

Laboratory equipment | Laboratory automation equipment | Microplate pipetting system



ASSIST – Your personal pipetting assistant

Product description:

ASSIST offers unparalleled pipetting ergonomics. By attaching a VIAFLO electronic pipette to ASSIST, the pipette's protocols can be performed automatically. It reduces handheld pipetting to a minimum, relieving lab personnel from repetitive motions that may cause repetitive stress injuries.

Manual pipetting requires practice to achieve reproducible pipetting results. Typical parameters influencing the performance are tip immersion depth and pipetting angle. The automated pipetting capability of ASSIST ensures these parameters are always the same, resulting in improved reproducibility.

The communication between pipette and ASSIST is established via wireless connection. The convenient set up and easy to use user interface enable VIAFLO pipettes to be used for both automated pipetting, in combination with ASSIST, and for standard handheld pipetting.

With the smart pipette adapter, all VIAFLO multichannel pipettes (8-, 12- and 16-channels) can be attached, covering a volume range of 0.5 – 1250 μ l. To satisfy different application requirements, plates from 6-wells to 384-wells can be used in portrait and landscape format.

Features and benefits:

- Best ergonomics - Automates multichannel pipettes to reduce the strain of handheld pipetting.
- Increased reproducibility - Eliminates pipetting variability. The tip immersion depth and angle are always the same.
- Wide range of applications using 8-, 12- and 16-channel VIAFLO pipettes of 0.5 – 1250 μ l.
- Affordable – Very favorable price compared with other automated instruments.
- Easy to use – simply program a VIAFLO pipette, click it into the adapter and press the run button.